

## **REMARKS**

In response to the above Office Action, attached is a new Abstract on a separate sheet of paper in compliance with M.P.E.P. §608.01(b). In addition, claim 1 has been amended to more completely claim the apparatus of the invention. Support for the claimed first carriage (11), the pressurizing mechanism (27), the mechanism for pushing out the mold (31) and the second carriage (32) can be found on page 6, line 14 to page 7, line 23 and page 9, line 7 to page 10, line 3 of the specification.

In the Office Action, the Examiner rejected claims 1-11 for being anticipated by Kouichi (JP 56004342) or by Makiguchi (JP 2000-190049).

The present invention relates to an apparatus for molding a mold by pressurizing a foam mixture and injecting it into a cavity of a heated metal mold.

In contrast, Kouichi et al. (JP 56004342) and Makiguchi (JP 2000-190049) both disclose an apparatus and a method for molding a mold by filling a metal mold with a mixture of molding sand by blowing air with the sand.

Namely, since the apparatus for filling the mold with the mixture of the present invention differs from that of the inventions of Kouichi et al. and Makiguchi, the present invention and their inventions pertain to different technical fields.

Further, amended claim 1 now contains the features of "a pressurizing mechanism" and "a mechanism for pushing a mold out." In contrast, Kouichi et al. and Makiguchi do not disclose these features. Thus there is a significant difference between the invention of claim 1 and the inventions of Kouichi et al. and Makiguchi.

It is submitted, therefore, that claim 1 as amended is no longer anticipated either by Kouichi '342 or Makiguchi '049. Their withdrawal as a ground of rejection of claim 1 under 102(b) is therefore requested.

Regarding claims 2 and 3, the Examiner argues that Kouichi '342 teaches devices for measuring moisture, temperature, (claim 2) and viscosity (claim 3) of a mold mixture wherein the devices are provided outside of a mold mixture container (19).

Page 3, lines 12-15 of the Office Action.

However, the Examiner misunderstands the invention of Kouichi '342 because it does not teach any of these features. For example, the number "25" (Fig. 3) does not denote a "sensor," but a "nozzle."

The Examiner makes the same arguments with respect to claims 2 and 3 and Makiguchi '049. Page 5, lines 12-14. However, Makiguchi '049 only discloses a heater attached to metal molds 2, 3 stacked on each other to control the temperature of the metal molds within 150-250°C." (Paragraph [0005].) It does not disclose any means for measuring the temperature, moisture or viscosity of the mold mixture.

Thus it is submitted that neither of claims 2 or 3 nor claims 4-11 dependent therefrom are anticipated by either of Kouichi '342 or Makiguchi '049. Their withdrawal as grounds of rejection of claims 2-11 under §102(b) is therefore requested.

It is believed claims 1-11 are in condition for allowance.


In view of the foregoing amendments and remarks, Applicants respectfully request reconsideration and reexamination of this application and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

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**Attachments:**      **New Abstract**

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